

Review of: "Giardia lamblia infection And Associated Risk Factors Among Patients Who Are Seeking Stool Examination At Bule Hora University Teaching Hospital, West Guji Zone, Ethiopia"

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Potential competing interests: No potential competing interests to declare.

General comments:

1. The topic is very relevant and included valuable information. However, the study is small (137 patients) and limited in time (one month), which makes it less convincing and statistically weak.
2. The paper will benefit greatly from a review by a statistician.
3. The paper requires significant English language editing.
4. Check plagiarism (many statements in introduction and abstract cited as similar from other articles).

Title

The title of the case report can be improved and simplified by English language editing (e.g., the preposition not capitalized; among, and, at). This study is cross-sectional; I suggest removing the word (risk) from the title.

Abstract:

Abstract - needs revision following the revision of the manuscript.

Objective: The objective in the introduction was written differently from the aim in the abstract.

Methods: Population characteristic are missing; add population size, structure, and density. Authors did not mention some variables and how data were collected.

Results: [95%CI: 12.1-25.3] not mentioned in the table or results.

($\chi^2 = 2.82$, $P = 0.027$), need for revision; the chi-square significant > 3.84

This section requires re-writing after the other sections of the paper are updated.

Keywords: *G. lamblia* : rewrite this as *Giardia lamblia*

Introduction:

- Change the position of the paragraph (The gastrointestinal symptoms include.....), put it before the burden.
 - unfavourable: change to unfavorable
 - Write the abbreviation from the second paragraph: *Giardia lamblia* or *G. lamblia*
 - Add a short paragraph about laboratory diagnoses
 - Add to exclusion criteria: "patients disagree to participate in this study"
 - What is the sampling frame used?
 - Was the questionnaire pre-tested?
- multivariate analysis of significant associated factors
- should be revised after the findings are updated.

Methods:**Results:** Do the**Conclusion:** The conclusion of the study